

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	:	Scott B. Wilson
Appl. No.	:	10/830,177
Filed	:	April 21, 2004
For	:	SYSTEMS AND METHODS FOR AUTOMATIC AND INCREMENTAL LEARNING OF PATIENT STATES FROM BIOMEDICAL SIGNALS
Examiner	:	Peter D. Coughlan
Group Art Unit	:	2129

**Mail Stop AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action of April 30, 2007, the Applicant submits the following amendments and remarks for consideration in connection with the above-identified patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.